



Atty Docket No.: A8319.0025/P025

Inventor: Katsutoshi Tsuchiya et al.

Application No.: 10/678,303-Conf. #4125 Filing Date: October 6, 2003
Title: RADIATION DETECTOR, RADIATION DETECTOR ELEMENT, AND
RADIATION IMAGING APPARATUS

Documents Filed:

Request for Corrected Notice of Recordation of Assignment Document (2 pages)



Via: PTO Daily Run

Sender's Initials: MJT/JCD/meb

Date: July 8, 2004

RAW



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Inventor: Katsutoshi Tsuchiya et al.

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Title: RADIATION DETECTOR, RADIATION DETECTOR ELEMENT, AND
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Documents Filed:

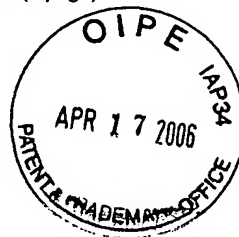
Fee Transmittal (1 page)

Payment by credit card. Form PTO-2038 is attached (1 page)

Charge \$180.00 to credit card

Information Disclosure Statement (3 pages)

Citation (1 page - 6 refs)



Via: PTO Courier

Sender's Initials: MJT/PAV/kh

Date: April 17, 2006

524



ocket No.: A8319.0025/P025
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Katsutoshi Tsuchiya et al.

Application No.: 10/678,303

Confirmation No.: 4125

Filed: October 6, 2003

Art Unit: 2881

For: RADIATION DETECTOR, RADIATION
DETECTOR ELEMENT, AND RADIATION
IMAGING APPARATUS

Examiner: Not Yet Assigned

**REQUEST FOR CORRECTED NOTICE OF RECORDATION OF
ASSIGNMENT DOCUMENT**

MS Assignments
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Please correct the Notice of Recordation of Assignment Document as shown in red on the attached copy. The Notice of Recordation of Assignment Document received by the applicants has the following errors. The name of the second assignor should be written as follows: **KITAGUCHI, HIROSHI**. Further, the names of two of the assignees were omitted. Please add the following names to the Notice of Recordation: **YANAGITA, NORIHITO** and **KOJIMA, SHINICHI**.

This information is correctly indicated on the Recordation Form Cover Sheet as originally filed. A copy of the Notice of Recordation of Assignment Document with the correction noted in red is attached.

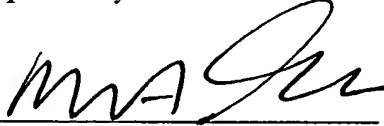
Applicants additionally request that all pertinent U.S. Patent and Trademark Office records relating to the subject application be changed to reflect this correction.

Kindly return a "Corrected" Notice of Recordation of Assignment Document to the undersigned attorney of record.

Since the error occurred on the part of the Patent and Trademark Office, no fee is being submitted herewith. However, the Director is hereby authorized to charge any fees required to effect proper filing of this communication to Deposit Account No. 04-1073, Order No. A8319.0025.

Dated: July 8, 2004

Respectfully submitted,

By 

Mark J. Thronson

Registration No.: 33,082
DICKSTEIN SHAPIRO MORIN &
OSHINSKY LLP
2101 L Street NW
Washington, DC 20037-1526
(202) 785-9700
Attorney for Applicant

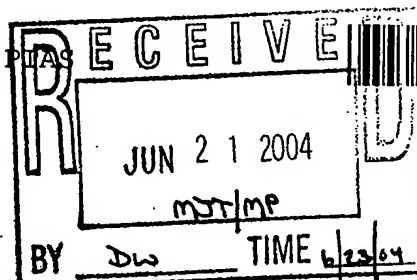


UNITED STATES PATENT AND TRADEMARK OFFICE A8319.0025/P025

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JUNE 16, 2004

DICKSTEIN SHAPIRO MORIN ET AL.
MARK J. THRONSON
2101 L STREET NW
WASHINGTON, DC 20037-1526



102612467A

6/24/04

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/25/2003

REEL/FRAME: 014735/0697
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: A83190025P025

ASSIGNOR:

TSUCHIYA, KATSUTOSHI

DOC DATE: 09/18/2003

ASSIGNOR:

~~KITAGUCHI~~, HIROSHI

DOC DATE: 09/21/2003

KITAGUCHI, HIROSHI

ASSIGNOR:

YOKOI, KAZUMA

DOC DATE: 09/18/2003

ASSIGNOR:

UMEGAKI, KIKUO

DOC DATE: 09/29/2003

ASSIGNOR:

AMEMIYA, KENSUKE

DOC DATE: 09/20/2003

ASSIGNOR:

UENO, YUUCHIROU

DOC DATE: 09/18/2003

ASSIGNOR:

YANAGITA, NORIHITO

DOC DATE: 09/18/2003

ASSIGNOR:

KOJIMA, SHENICHI

DOC DATE: 09/18/2003

ASSIGNEE:

HITACHI, LTD.
6, KANDA SURUGADAI 4-CHOME
CHIYODA-KU
TOKYO, JAPAN.

SERIAL NUMBER: 10678303

FILING DATE: 10/06/2003

PATENT NUMBER:

ISSUE DATE:

TITLE: RADIATION DETECTOR, RADIATION DETECTOR ELEMENT, AND RADIATION
IMAGING APPARATUS

MAURICE CARTER, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

12-02-2003

Form PTO-1595

(Rev. 03/01)

RECO

OMB No. 0851-0027 (exp. 5/31/2002)



102612467



To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of conveying party(ies): 11-25-03Katsutoshi Tsuchiya (09/18/2003), Hiroshi Kitaguchi
(09/21/2003), Kazuma Yokoi (09/18/2003), Kikuo
Umegaki (09/29/2003), Kensuke Amemiya
(09/20/2003), Yuuichirou Ueno (09/18/2003),Additional name(s) of conveying party(ies)
attached?☒ Yes ☐ No

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: 9/29/03

2. Name and address of receiving party(ies)

Name: Hitachi, Ltd.

Internal Address: _____

Street Address: _____

6, Kanda Surugadai 4-chome
Chiyoda-kuCity: TokyoCountry: JapanZip: 101-8010Additional name(s) &
address(es) attached:☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the new application is: _____

A. Patent Application No.(s):

10/678,303

B. Patent No.(s): _____

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:Name: Mark J. ThronsonDICKSTEIN SHAPIRO MORIN & OSHINSKY LLPInternal Address: Atty. Dkt.: A8319.0025/P025

Street Address:

2101 L Street NW

City:

Washington

State:

DC

Zip:

20037-15266. Total number of applications and
patents involved: 17. Total fee (37 CFR 3.41) \$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account☒ Authorized to be charged to credit card
(Form 2038 enclosed)

8. Deposit account number:

04-1073

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy
is a true copy of the original document.*Mark J. Thronson (33,082)

Name of Person Signing

Signature

November 25, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 2

11/23/2003 BABRAHAI 00000016 10678303

01 FC:2921

40.00 DP

ASSIGNMENT

(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by HITACHI, LTD., a corporation organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

RADIATION DETECTOR, RADIATION DETECTOR ELEMENT AND RADIATION IMAGING APPARATUS

invented by me (If only one is named below) or us (If plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD.

Signed on the date(s) indicated aside signatures:

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1) <u>Katsutoshi TSUCHIYA</u> Katsutoshi TSUCHIYA	<u>9/18/2003</u>
2) <u>Hiroshi KITAGUCHI</u> Hiroshi KITAGUCHI	<u>9/21/2003</u>
3) <u>Kazuma YOKOI</u> Kazuma YOKOI	<u>9/18/2003</u>
4) <u>Kikuo UMEGAKI</u> Kikuo UMEGAKI	<u>9/29/2003</u>
5) <u>Kensuke AMEMIYA</u> Kensuke AMEMIYA	<u>9/20/2003</u>
6) <u>Yuuichirou UENO</u> Yuuichirou UENO	<u>9/18/2003</u>
7) <u>Norihito YANAGITA</u> Norihito YANAGITA	<u>9/18/2003</u>
8) <u>Shinichi KOJIMA</u> Shinichi KOJIMA	<u>9/18/2003</u>
9) _____	_____
10) _____	_____

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/17 (10-03)

Approved for use through 7/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003, Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)
40.00

Complete if Known

Application Number 10/678,303
Filing Date October 6, 2003
First Named Inventor Katsutoshi Tsuchiya
Examiner Name Not Yet Assigned
Art Unit N/A
Attorney Docket No. A8319.0025/P025

METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number

04-1073

Deposit Account Name

Dickstein Shapiro Morin & Oshinsky LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$) 0.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
	** =	x	=
Independent Claims	** =	x	=
Multiple Dependent			=

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to Institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design Issue fee	
1503	640	2503	320	Plant Issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.00
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 40.00

SUBMITTED BY

Name (Print/Type) Mark J. Thronson

Registration No. (Attorney/Agent)

33,082

(Complete (if applicable))

Telephone (202) 775-4742

Signature

Date

November 25, 2003